TECHNICAL DATASHEET

CISCO · NETWORKING

Cisco Catalyst 9200L 48-port Gigabit/ Multigigabit PoE+ switch, 2x 25G SFP28 uplinks, Network Essentials

Catalyst 9200L fixed-uplink campus access switch - 48x PoE+ ports, 2x 25G SFP28 uplinks, 740W PoE budget

SKU C9200L-48PXG-2Y-E | 1U | Cisco

DOWNLINK PORTS	SWITCHING CAPACITY	DIMENSIONS	PRICE
48x PoE+ ports: 8x Multigigabit (100M-...	340 Gbps	4.4 x 44.5 x 35.0 cm (1.73 x 17.5 x 13...	On request

ISO 9001 · ISO 14001 · ISO 27001

REQUEST A QUOTATION ONLINE

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01 Product overview

The Cisco C9200L-48PXG-2Y-E is a Catalyst 9200L fixed-uplink campus access switch that provides 48x PoE+ ports: 8x Multigigabit (100M-10G) + 40x 10/100/1000 and 2x 1/10/25G SFP28 fixed uplinks, with a 740 W PoE+ (802.3at) power budget for phones, wireless access points and cameras. It delivers 340 Gbps of switching capacity and a forwarding rate of 252.97 Mpps, ensuring wire-speed performance for everyday business traffic.

The Catalyst 9200L variants keep the Cisco IOS XE software foundation of the Catalyst 9000 family while using fixed uplinks and a shallower chassis, making them a cost-optimised choice for wiring closets and branch offices. They support Layer 3 routing, StackWise-80 stacking, field-replaceable power supplies, Cisco DNA Center/Catalyst Center automation and the Cisco Trustworthy Solutions security stack, including secure boot and signed images.

This part number ships with the Network Essentials software license; Network Essentials covers the Layer 2 and Layer 3 access feature set, with an upgrade path to Network Advantage. A Cisco DNA / Catalyst subscription is ordered together with the switch. It is well suited to enterprise wiring closets, branch offices and campus access layers where powered endpoints such as IP phones, Wi-Fi access points and security cameras need to be supported. ServerInvest supplies Cisco switching across Europe - contact us for pricing, availability and project quotes.

KEY SPECIFICATIONS

Manufacturer part number	**C9200L-48PXG-2Y-E**
Series	**Catalyst 9200L**
Switch type	**Layer 3 (Cisco IOS XE)**
Downlink ports	**48x PoE+ ports: 8x Multigigabit (100M-10G) + 40x 10/100/1000**
Uplinks	**2x 1/10/25G SFP28 fixed uplinks**
PoE standard	**PoE+ (802.3at)**
PoE budget	**740 W (single default power supply)**
Switching capacity	**340 Gbps**
Forwarding rate	**252.97 Mpps**
MAC address table	**16,000**
VLANs	**4,094**
Jumbo frames	**9,198 bytes**

HIGHLIGHTS

- 48x PoE+ ports: 8x Multigigabit (100M-10G) + 40x 10/100/1000 with 740 W PoE+ (802.3at) budget
- 2x 1/10/25G SFP28 fixed uplinks
- 340 Gbps switching capacity, 252.97 Mpps forwarding rate
- Cisco IOS XE with Catalyst Center (DNA Center) automation and assurance
- StackWise-80 stacking of up to 8 switches
- Enhanced Limited Lifetime Warranty (E-LLW)

02 Full specifications

GENERAL	
Manufacturer part number	C9200L-48PXG-2Y-E
Series	Catalyst 9200L

Switch type	Layer 3 (Cisco IOS XE)
License tier	Network Essentials (Cisco DNA / Catalyst subscription ordered separately)

PORTS

Downlink ports	48x PoE+ ports: 8x Multigigabit (100M-10G) + 40x 10/100/1000
Uplinks	2x 1/10/25G SFP28 fixed uplinks

POWER OVER ETHERNET

PoE standard	PoE+ (802.3at)
PoE budget	740 W (single default power supply)

PERFORMANCE

Switching capacity	340 Gbps
Forwarding rate	252.97 Mpps
MAC address table	16,000
VLANs	4,094
Jumbo frames	9,198 bytes
Routing scale	11,000 IPv4 (ARP + learned); 3,000 IPv4 routing entries

HARDWARE

DRAM	2 GB
Flash	4 GB
Stacking	StackWise-80 (80 Gbps), up to 8 switches

POWER

Power supply	PWR-C5-1KWAC (1000W AC), field-replaceable, dual redundant slots (1440W PoE with two PSUs)
Power consumption (typical/system)	96.17 W
Power consumption (maximum, incl. PoE load)	934.08 W

PHYSICAL

Form factor	1U rack-mountable
Dimensions	4.4 x 44.5 x 35.0 cm (1.73 x 17.5 x 13.8 in)
Weight	5.71 kg (12.6 lb)
Cooling	Fixed redundant fans

ENVIRONMENTAL

Operating temperature	-5°C to +45°C
MTBF	337,260 hours

WARRANTY

Warranty	Enhanced Limited Lifetime Warranty (E-LLW)

03 Engineered, delivered & supported by ServerInvest

Engineering & sizing
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